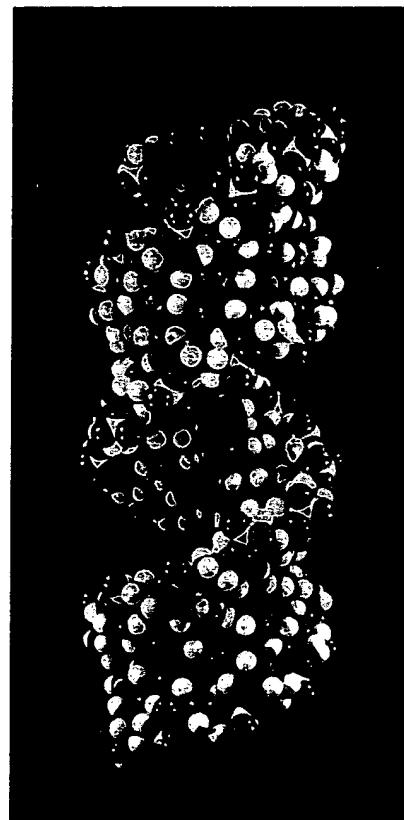


Major Groove  
(deep)

Minor Groove  
(shallow)



A-form DNA or RNA

**FIG. 1A**

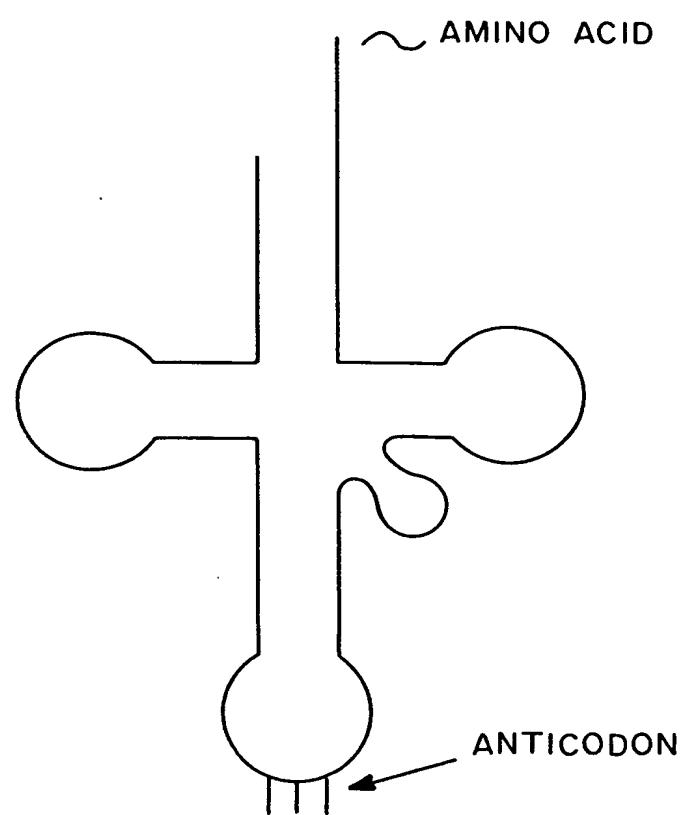


B-form DNA

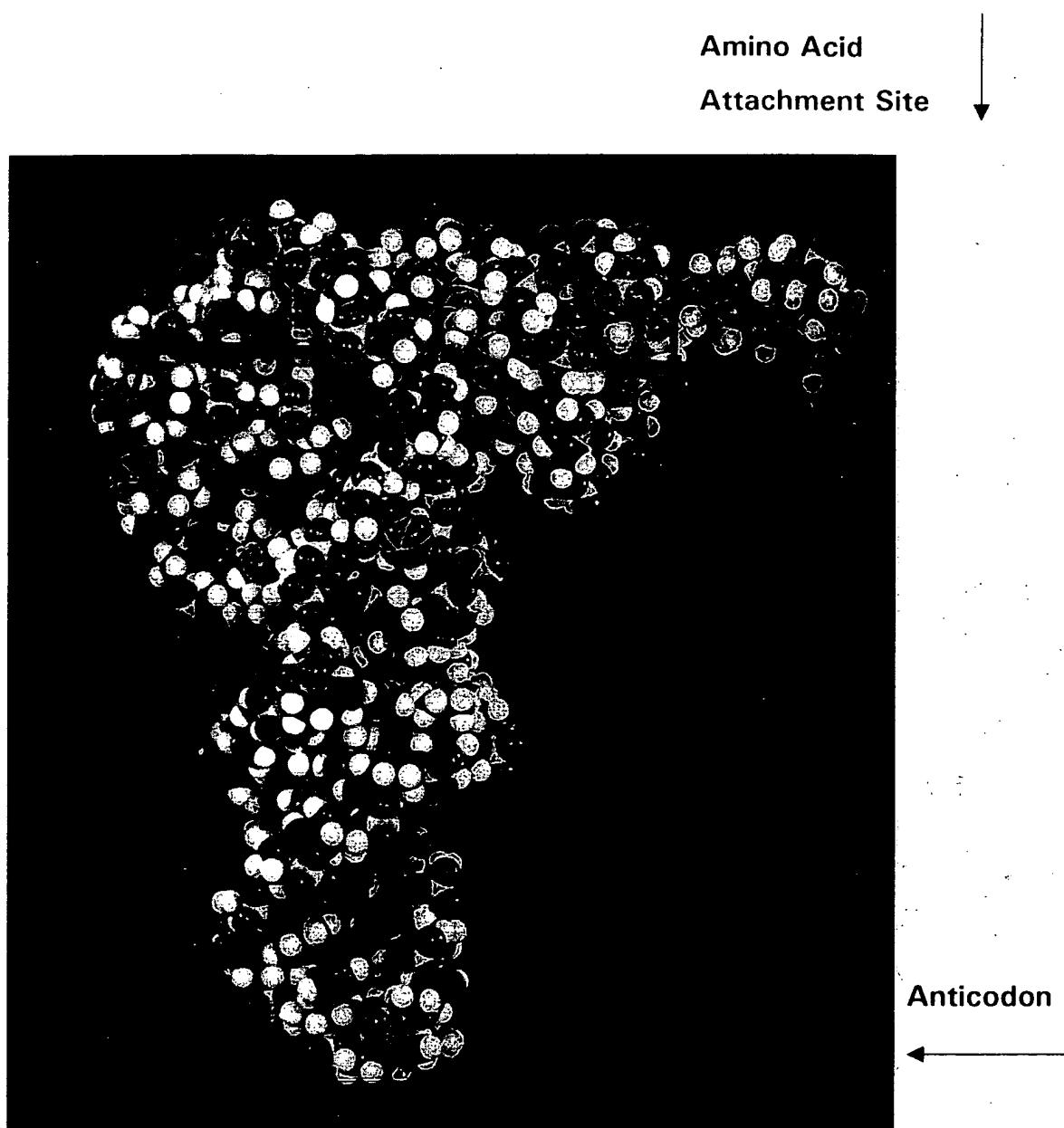
Major Groove

Minor Groove

**FIG. 1B**

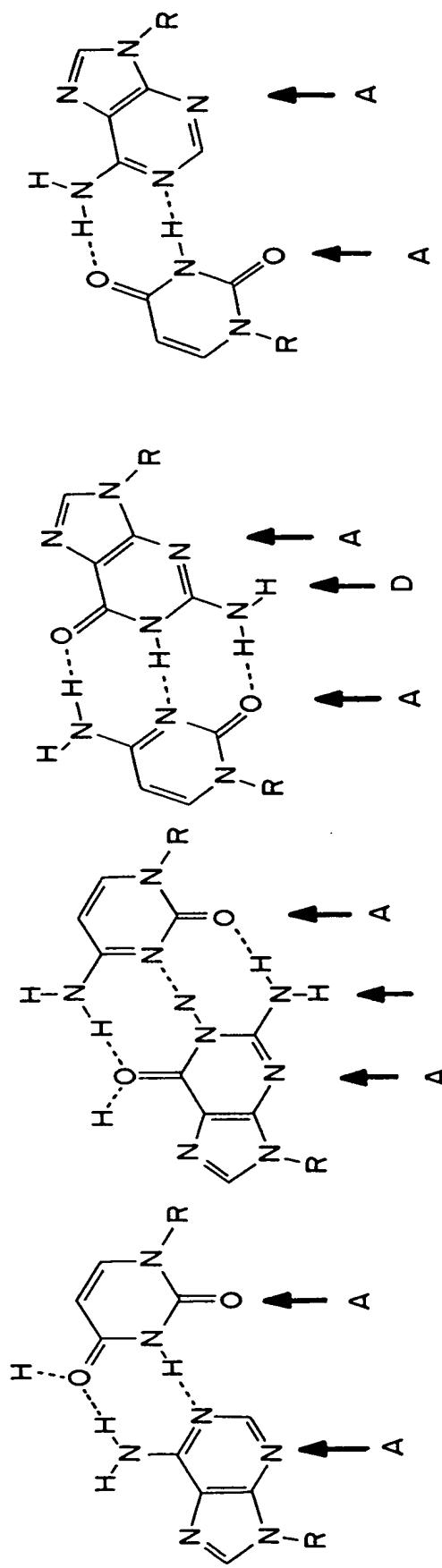


*FIG. 2A*



**FIG. 2B**

Major Groove:



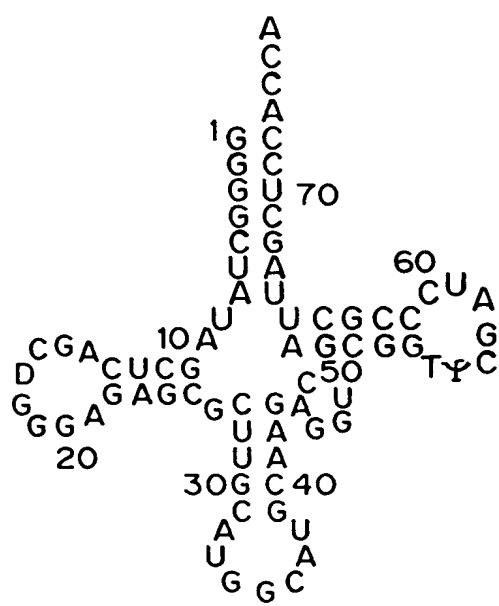
U:A

C:G

G:C

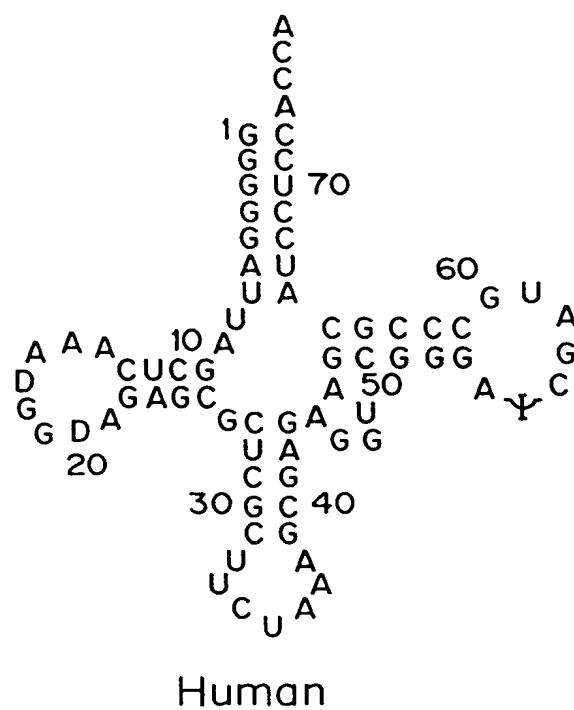
A:U

FIG. 3



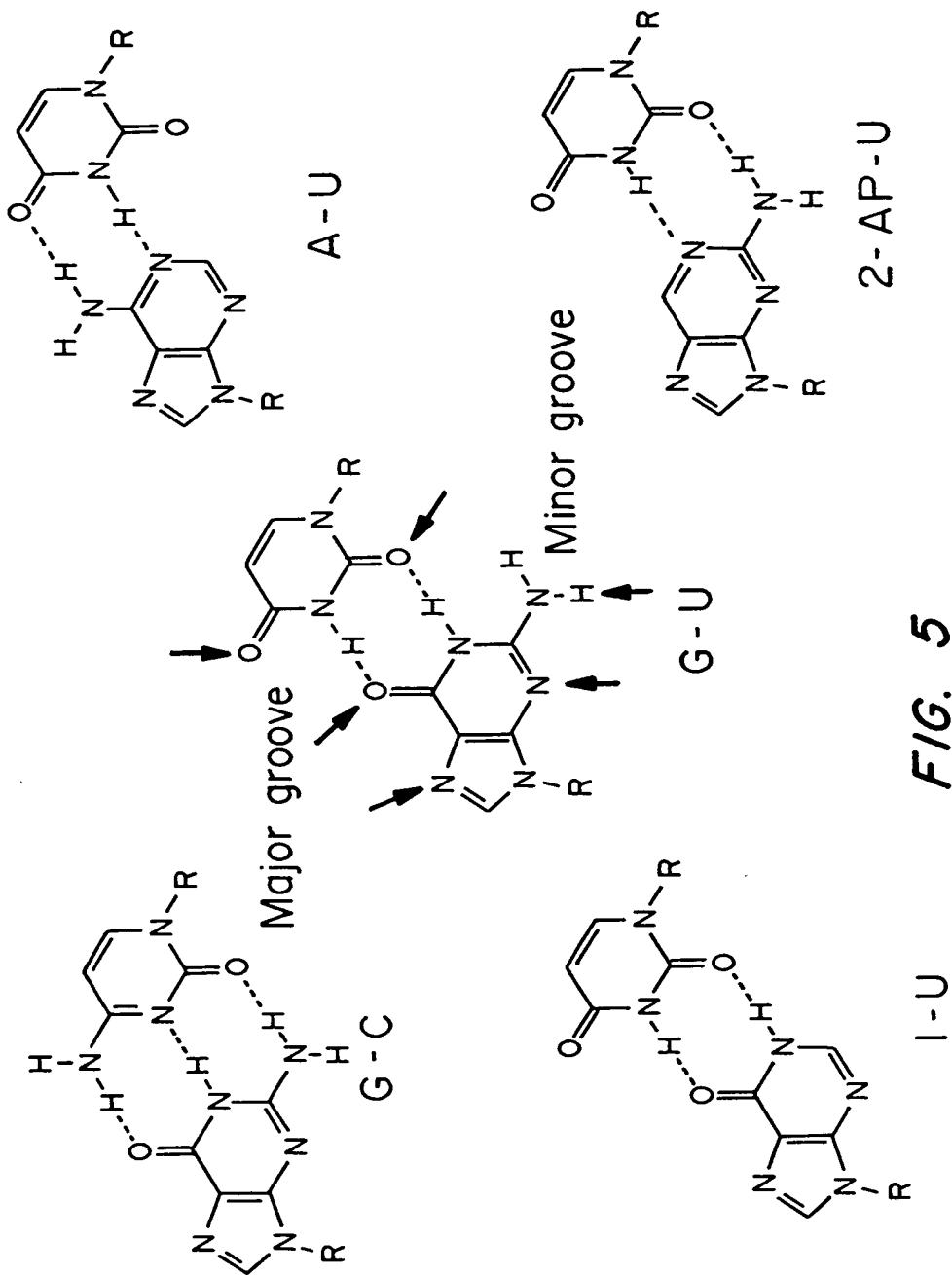
*E. coli*

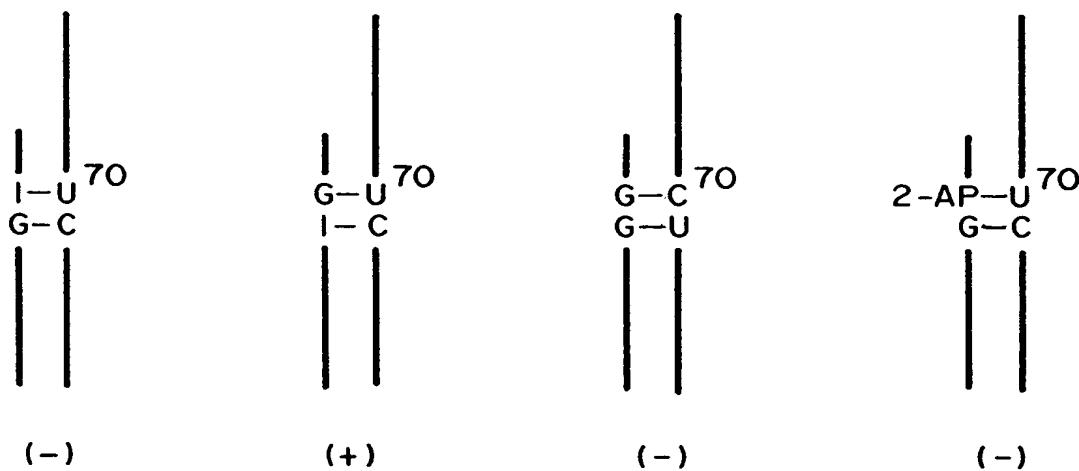
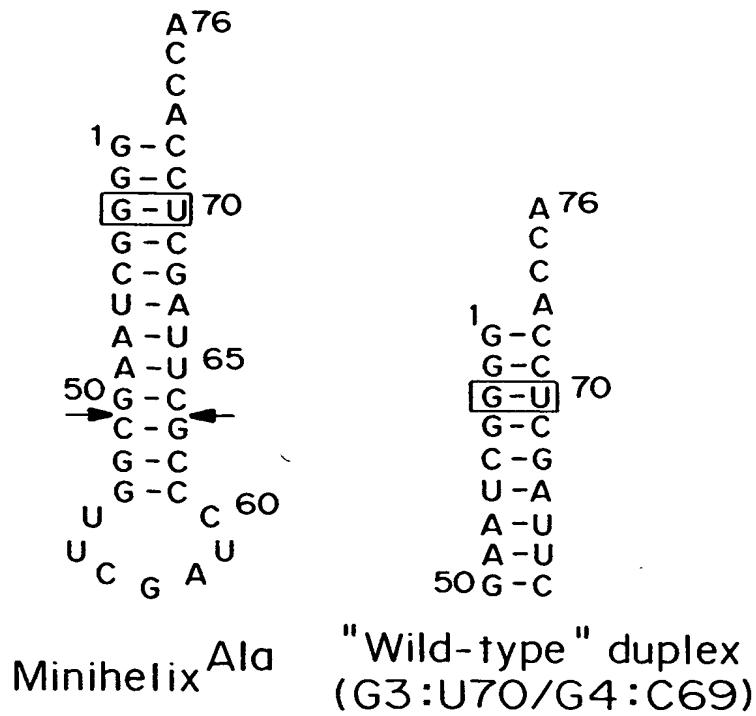
**FIG. 4A**



Human

**FIG. 4B**





(I3:U70/G4:C69)(G3:U70/I4:C69)(G3:C70/G4:U69)(2-AP3:U70/G4:C69)

*FIG. 6*

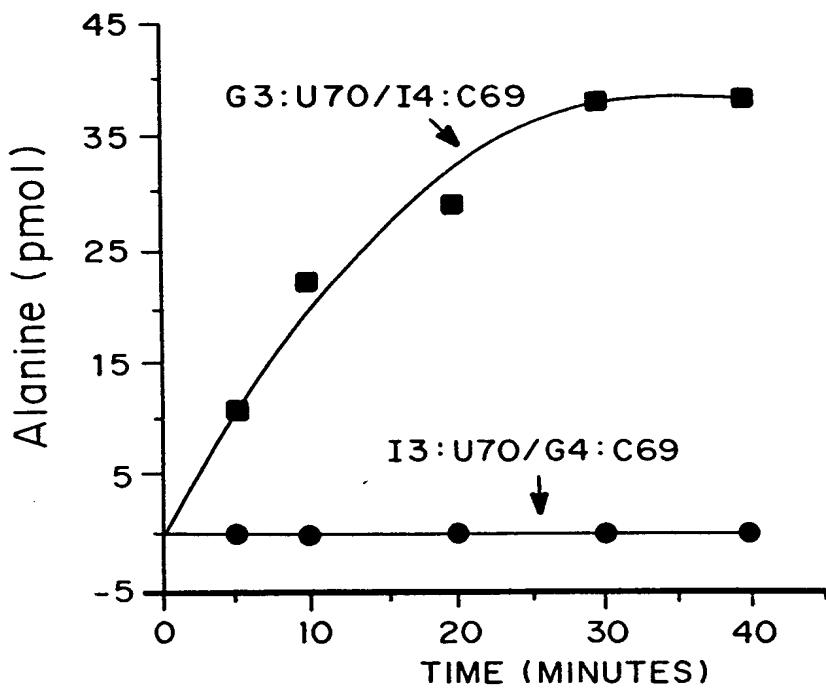


FIG. 7A

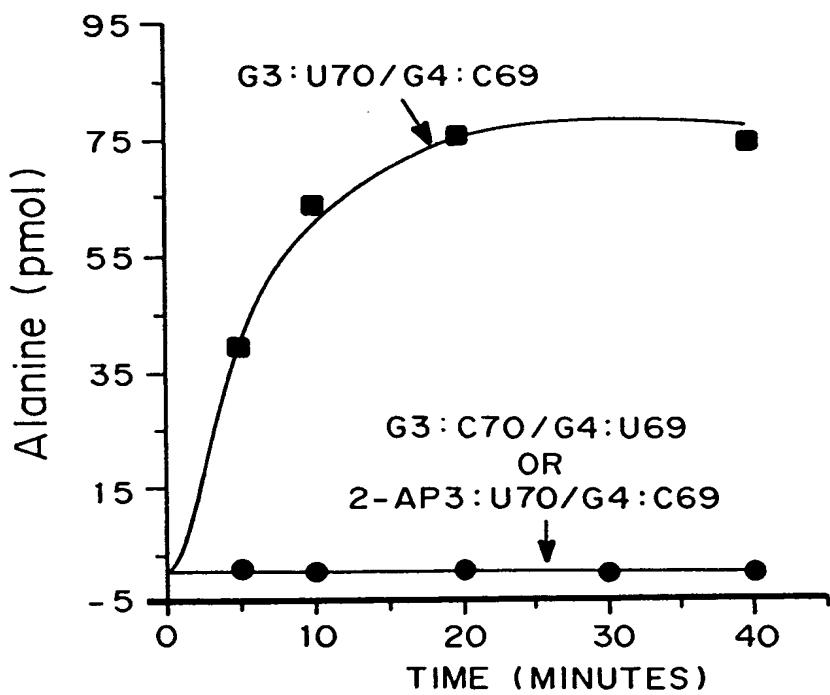


FIG. 7B

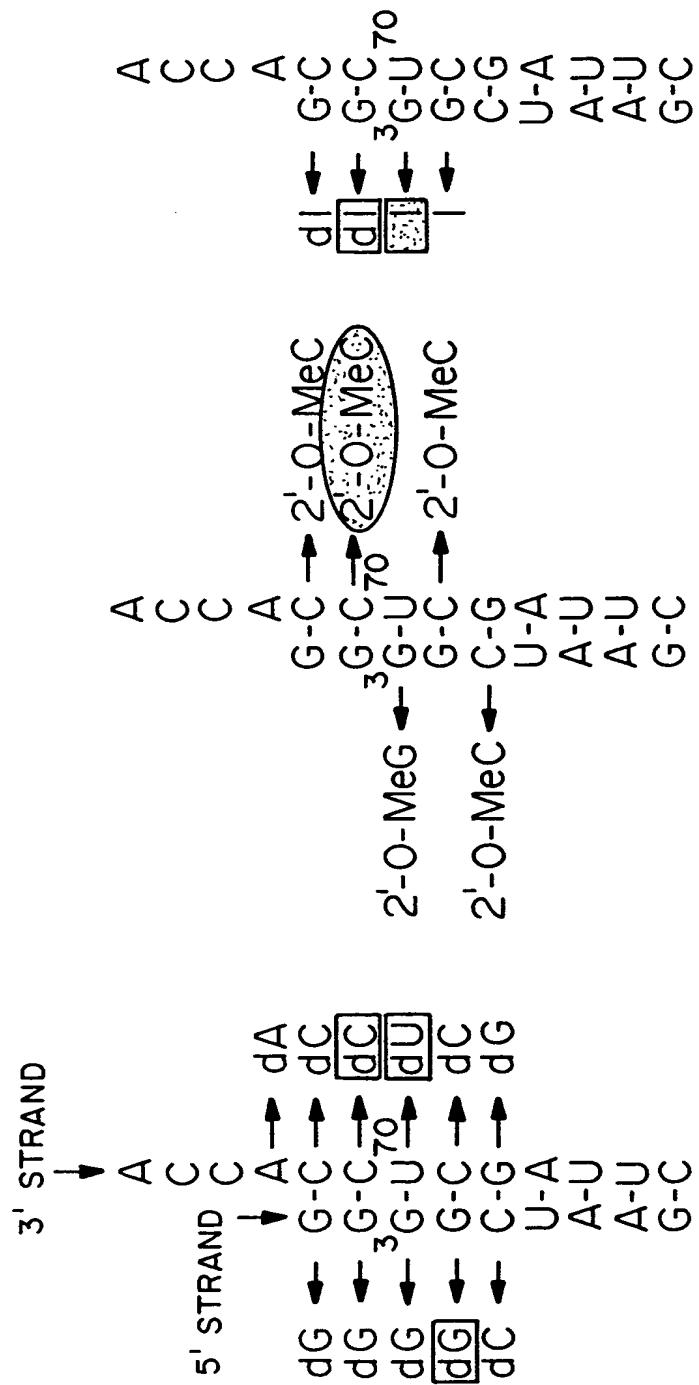


FIG. 8

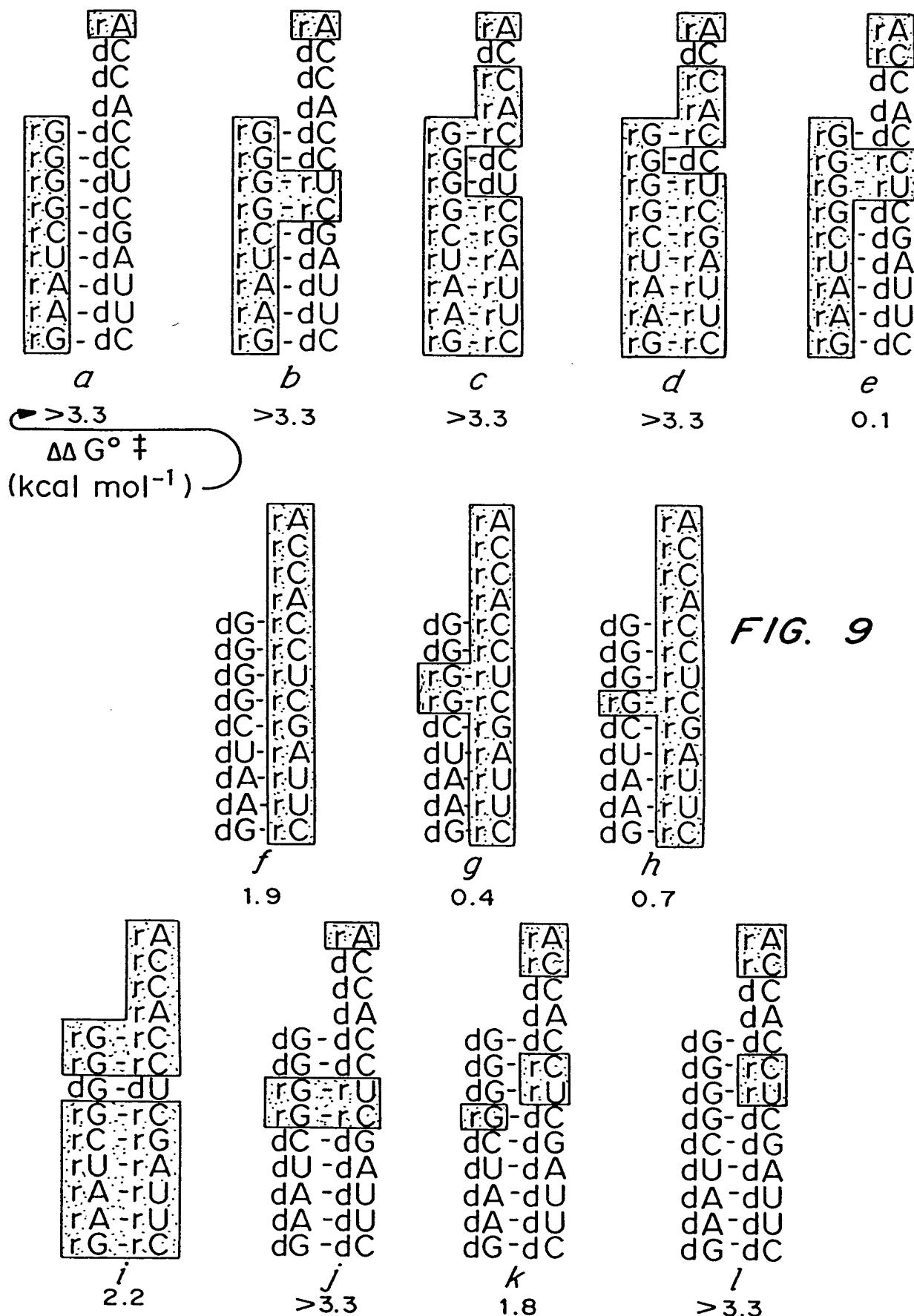
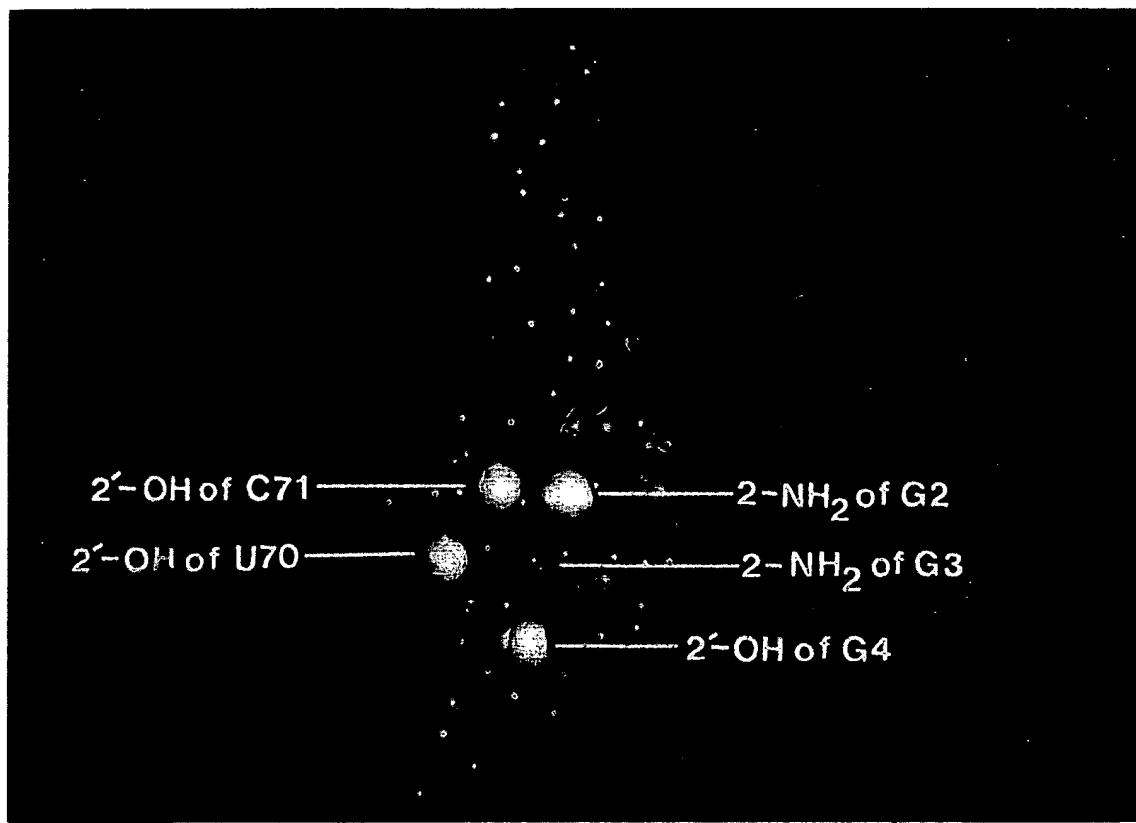


FIG. 9



**FIG. 10**